

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Daniel Karpen
SERIAL NO.: 09/096,999
FILED: June 13, 1998
FOR: Magnetically Shielded Fluorescent
Lamp Ballast Case
EXAMINER: D. Vu
MAILING DATE OF ACTION: October 28, 1999
GROUP ART UNIT: 2821

SECTION 132 DECLARATION

I, Myron Kahn hereby declare:

I am the Chief Executive Officer of Polarized Lighting International of Tarzana, California, the company which has been producing polarized lighting panels for interior lighting for a period of more than forty years. Thus, I am a long time participant in the lighting industry, and an expert in polarized interior illumination and the problems inherent in many existing interior applications.

I am the inventor of the subject matter of U.S. Patent No. 3,777,128 for a light transmitting polarized panel and U.S. Patent No. 4,796,160 for an integral polarized light panel.

As long ago as the late 1930's, when fluorescent lighting was first used in the United States, I worked in a store with fluorescent lighting. I began to have severe headaches, eyestrain, and eventually was forced to leave the job, because of the lighting conditions I worked under.

After World War II, I worked with Alvin and Mortimer Marks for 15 years to develop a polarizing panel that would "solve" the glare problem, since glare from lighting fixtures accounts for many of the visual problems and visual discomfort experienced by workers in facilities where glare from lighting is unfortunately prevalent.

Our research work developed a commercially viable polarized lighting panel for fluorescent fixtures; these panels have been sold from the early 1960's to the present day, and have been installed in millions of square feet of fluorescent lighting fixtures.

During my years in the lighting industry, I have dealt with fixture manufacturers, manufacturer's representatives, lighting specifiers, lighting designers, architects, engineers, and facilities managers. Most of these have been eager to design and build the perfect lighting system, but few have been knowledgeable about how to go about this and what products to employ.

In regard to the present above-referenced U.S. Patent application, in the almost 50 years I have been in the lighting industry, no one ever mentioned to me the problems of electromagnetic fields from fluorescent lighting.

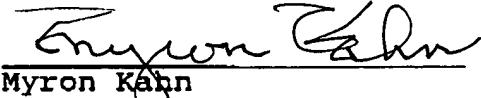
I have read Mr. Karpen's specification for his invention, and he has come up with a very important development, one that has been overlooked by thousands of lighting practitioners. The research he cites from various respected authorities (California Institute of Technology

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and the Environmental Health Center in Dallas) is persuasive in explaining the damaging effects of electromagnetism on humans who spend hours in such environments which employ electromagnetic lighting ballasts. In addition to these long term effects, despite the previously unsolved need to correct them, short term effects such as visual discomfort, "dry eye," and other visual problems also persist.

Shielding ballasts will greatly reduce or eliminate the effects of electromagnetic components, for the betterment of the lighted environment.

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.


Myron Kahn
Myron Kahn

Dated: December 29, 1999

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